



Atty. Dkt. No. 016907-1575

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Haruki TODA et al.  
Title: CLOCK-SYNCHRONOUS SEMICONDUCTOR MEMORY  
DEVICE  
Appl. No.: 10/642,624  
Filing Date: 08/19/2003  
Examiner: Vu Anh Le  
Art Unit: 2824

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Your Petitioner, KABUSHIKI KAISHA TOSHIBA, having its principal place of business at 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan, represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 10/642,624, filed August 19, 2003, which is a continuation of U.S. Patent Application No. 10/310,797, filed December 6, 2002, now patented as U.S. Patent No. 6,639,869, which is a continuation of U.S. Patent Application No. 09/983,383, filed October 24, 2001, now patented as U.S. Patent No. 6,510,101, which is a continuation of U.S. Patent Application No. 09/435,627, filed November 8, 1999, now patented as U.S. Patent No. 6,310,821, which is a continuation of U.S. Patent Application No. 09/113,570, filed July 10, 1998, now patented as U.S. Patent No. 5,986,968, which is a continuation of U.S. Patent Application No. 08/457,165, filed June 1, 1995, now patented as U.S. Patent No. 5,818,793, which is a continuation of U.S. Patent Application Serial No. 08/031,831, filed March 16, 1993, by virtue of an Assignment filed and recorded on March 16, 1993, on Reel/Frame 6480/0927, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX A.

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Your Petitioner, KABUSHIKI KAISHA TOSHIBA, hereby disclaims the terminal part of the term of any patent granted on U.S. Patent Application 10/642,624 which would extend beyond the full statutory term, as presently shortened by any terminal disclaimer, of U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 and hereby agrees that any patent so granted on U.S. Patent Application 10/642,624 shall be enforceable only for and during such period that the legal title to U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 shall be the same as the legal title to any patent granted on U.S. Patent Application 10/642,624, this agreement to run with any patent granted on U.S. Patent Application 10/642,624 and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on U.S. Patent Application 10/642,624, prior to the full statutory term of U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 as defined in 35 U.S.C. §§154-156 and 173, in the event that U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 expire for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term of U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on U.S. Patent Application 10/642,624 that would extend beyond the present termination of U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on U.S. Patent Application 10/642,624 to the extent provided by law.

The undersigned, being the Attorney of Record for U.S. Patent Application 10/642,624, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed the Assignment attached as APPENDIX A, and to the best of his knowledge and belief, legal title to U.S. Patent Application 10/642,624 and U.S. Patent Nos. 5,818,793; 5,986,968; 6,510,101; 6,639,869; and 6,310,821 rests with Petitioner, KABUSHIKI KAISHA TOSHIBA. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing therefrom.

Enclosed is a check in the amount of \$110.00 for required fees. The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date August 11, 2004

FOLEY & LARDNER LLP

Customer No. 22428

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By



Richard L. Schwaab

Attorney for Applicant

Registration No. 25,479

DATE: 05/04/93

TO:

FOLEY & LARDNER  
RICHARD L. SCHWAAB  
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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:  
TODA, HARUKI

DOC DATE: 03/04/93

ASSIGNOR:  
KUYAMA, HITOSHI

DOC DATE: 03/04/93

RECORDATION DATE: 03/16/93      NUMBER OF PAGES 002      REEL/FRAME 6480/0927

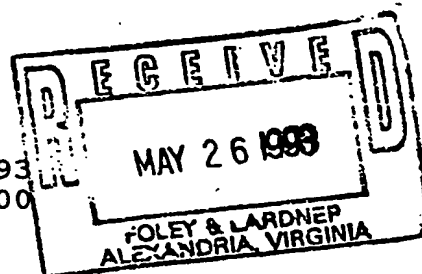
DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA  
72 HORIKAWA-CHO, SAIWAI-KU  
KANAGAWA-KEN  
KAWASAKI-SHI, JAPAN

SERIAL NUMBER      8-031831  
PATENT NUMBER

FILING DATE      03/16/93  
ISSUE DATE      00/00/00



*Nicole Scott*  
EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Haruki TODA and Hitoshi KUYAMA

Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA

Internal Address:

Street Address: 72 Horikawa-cho, Saiwai-ku,  
Kanagawa-ken

City: Kawasaki-shi, State: Japan ZIP:

Additional name(s) & address(es) attached? NO

3. Nature of conveyance: - C /

☒ Assignment  
Security Agreement  
Other

Merger  
Change of Name

Execution Date: March 4, 1993

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:  
March 4, 1993

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FOLEY & LARDNER

Internal Address:

Street Address: 3000 K Street, N.W., Suite 500

City: Washington, State: DC ZIP: 20007-5109

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41). . . . . \$40.00

☒ Enclosed  
Authorized to be charged to deposit account

8. Deposit account number: 19-0741

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Schwaab  
Name of Person Signing

Richard L. Schwaab  
Signature

March 16, 1993  
Date

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Total number of pages comprising cover sheet: 2

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REEL 6480 FRAME 927

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and  
address of  
assignee

KABUSHIKI KAISHA TOSHIBA  
72 Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Kanagawa-ken, Japan  
(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of  
invention

A CLOCK-SYNCHRONOUS SEMICONDUCTOR MEMORY DEVICE AND ACCESS  
METHOD THEREOF

as set forth in his United States Patent Application

check one

☒ executed concurrently herewith

☐ executed on \_\_\_\_\_

☐ Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Haruki TODA	Signature: <i>Haruki Toda</i>	Date: 04/03/1993
Name: Hitoshi KUYAMA	Signature: <i>Hitoshi Kuyama</i>	Date: 04/03/1993
Name:	Signature:	Date:
Name:	Signature:	Date:
<div style="text-align: center;"> <b>RECORDED</b>  <b>PATENT AND TRADEMARK OFFICE</b> </div>		
NAMES AND SIGNATURES OF WITNESSES		
Name: OFFICE	Signature:	Date:
Name: MAR 16 1993	Signature:	Date:

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